

P-16 Seamless Data Warehouse

What is the Kentucky P-16 Seamless Data Warehouse Project?

The proposed Kentucky P-16 Seamless Data Warehouse will be an independent data repository for educational and other related agencies. The data will be linked together in a secure environment and shared for research and accountability reporting purposes. The project will allow analysis that today is not possible or extremely difficult to perform.

Why is a data warehouse of this type needed?

Kentucky educational institutions need to be accountable for their performance. Federal reporting mandated under *No Child Left Behind* requires KDE to track students beyond high school into postsecondary education. EPSB needs to link information about teacher postsecondary training to the performance of their students to identify professional development needs and needed improvement in teacher preparation programs. The Council on Postsecondary Education and KDE need to track student data across the P-16 spectrum to develop a better understanding of why so many of students graduate from high school but still require remediation when they enter colleges and universities.

Will individual student data be kept confidential?

Yes. Federal guidelines strictly control the way data can be shared to protect student confidentiality.

Would a P-16 Seamless Data Warehouse facilitate information requests from the Education Cabinet, the legislature, and others?

Yes. The system will include reporting components that allow for standard reports and eventually queries so that data can be made available easily and quickly to the Cabinet, LRC, and other agencies through appropriate electronic interfaces.

Is other funding available to develop this multi-agency system?

No. Each educational agency (KDE, CPE, EPSB) currently spends funds to collect and analyze data about its own operations. KDE was recently awarded a \$5.8 million federal grant to upgrade its current system, but it will not be used to support this multi-agency data warehouse.

What is the Council's request?

The Council seeks \$1 million in the first year of the biennium to work with outside expertise and develop the business rules and specifications of this multi-agency initiative. The Council seeks \$2 million in the second year to begin to implement the system. We anticipate requesting an additional \$4 million in the next budget cycle to complete the project.



Photo source: UofL

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